

State of California
Resources Agency
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD, LOS ANGELES REGION
78 - 81
ORDER NO. _____

19-AA-0823

WASTE DISCHARGE REQUIREMENTS
FOR
COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
MISSION CANYON LANDFILL, CANYON 8
(File No. 78-10)

The California Regional Water Quality Control Board, Los Angeles Region, finds:

1. On December 8, 1960, this Regional Water Quality Control Board adopted Resolution No. 60-73 prescribing waste discharge requirements for disposal of Group II and III wastes by the County Sanitation Districts of Los Angeles County (CSDLAC) at their Mission Canyon Sepulveda Landfill No. 3. These requirements generally covered additional canyon areas immediately south of the Main Mission Canyon. (See attachment A).
2. Disposal operations are currently taking place in Canyon Nos. 6 and 7. Final capacity at these sites are expected to be reached in late June 1978. There is a large disposal capacity in the Main Mission Canyon area; however, denial of a Conditional Use Permit by the City of Los Angeles precludes disposal at this site.
3. CSDLAC filed a report of waste discharge on May 18, 1978, including a geologic and soils engineering study and a supplemental report dated July 22, 1977, and April 4, 1978, respectively, requesting permission to accept Group 2 and 3 wastes in Canyon No. 8.
4. The City of Los Angeles issued a Conditional Use Permit for a sanitary landfill operation in Canyon 8 on January 26, 1978.
5. The proposed disposal site is located in Section 8, T1S, R15W, S. B. B. & M. The site is situated south of Mulholland Drive and west of Sepulveda Boulevard, in the City of Los Angeles.
6. Canyon 8 is a relatively small, narrow, east-west trending canyon tributary to the much larger Sepulveda Canyon. It varies in elevation from 800 feet (243.9 meters) near Sepulveda Boulevard to 1580 feet (481.7 meters) on the west ridge.

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD - LOS ANGELES REGION - MISSION CANYON

7. There are two main geologic units present in and adjacent to Canyon 8; these are the Santa Monica Slate Formation and Recent Alluvium. Metamorphic bedrock of the Santa Monica Slate Formation occurs in natural outcrops and exposures in the canyon walls and locally along the canyon bottom where alluvial cover is absent. The formation consists mostly of dark grey, grey-brown and black slate and cordierite spotted slate derived from siltstone and shale. The bedrock contains a few quartzose beds derived from sandstone, along with local discontinuous unmetamorphosed zones.

The bedrock, as encountered in borings conducted by the discharger's consultant, is strongly jointed and weathered to depths varying between two and ten feet below the bedrock alluvium contact. The slate gradually becomes harder, tighter and less weathered with depth.

8. The geohydrologic investigation of Canyon 8 performed by Robert Stone and Associates in June 1977 indicated no free groundwater beneath the proposed landfill site.
9. CSDLAC proposes to install a leachate control barrier, across the mouth of the canyon, which will extend vertically downwards from the surface, through the alluvium and weathered bedrock, and be keyed into the underlying unweathered bedrock formation. CSDLAC also proposes to install upstream and downstream monitoring/extraction wells to detect and pump any leachate generated from the site.
10. The proposed site is located northerly of the water-bearing portion of the Santa Monica Hydrologic Subarea. Groundwaters in that subarea are of moderate quality and are used for municipal, domestic, agricultural and industrial water supply.
11. The Board adopted a Water Quality Control Plan for Los Angeles River Basin on March 10, 1975. The Plan contains water quality objectives for surface and groundwaters of the Santa Monica Hydrologic Subarea. The Requirements in this Order as they are met will be in conformance with the goals of Water Quality Control Plan.
12. CSDLAC has submitted a final environmental impact report (EIR) in accordance with the California Environmental Quality Act (Public Resources Code Section 21000 et. seq.).

13. The proposed project will not have a significant adverse effect upon the environment. While the completed project will result in a permanent change in landform and in the natural biotic community, the area will be assured as open space after the landfill is completed. In addition, if the project is not implemented an increase in air pollutants will be added to the Los Angeles Air Basin due to the necessity of hauling the waste to more distant landfills. Compliance with the aforementioned waste discharge requirements will preclude water quality and nuisance problems.

The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the proposed discharge.

The Board in a public meeting heard and considered all comments pertaining to this discharge.

IT IS HEREBY ORDERED, that the County Sanitation Districts of Los Angeles County shall comply with the following:

A. Acceptable Materials

1. Wastes disposed of at this site shall be limited to:

Group 2 wastes - ordinary residential and commercial refuse and/or rubbish, other decomposable organic refuse, and scrap metal of the nature indicated below:

Empty metal containers

Metal and metal products, except magnesium and its alloys and salts and other pyrophoric materials

Paper and paper products

Roofing paper and tar paper

Cloth and clothing

Wood and wood products

Lawn clippings, sod, and shrubbery

Hair, hide, and bones

Small dead animals.

- Unquenched ashes mixed with refuse

Street sweepings

Paint sludge received from water-circulated paint booths not transported in vacuum tanks

Manure and animal pen refuse

Paint in drums from which the liquids has been removed

Oil-soaked excelsior or straw used to absorb

hydrocarbon oils from wastewater

Dried mud cake from oil field sumps

Small quantities of noxious materials in mixed loads in rubbish

Water treatment residue such as solid matter
collected on screens and in settling tanks
Ashed from household burning
Infectious materials and hospital or laboratory
wastes authorized for disposal to land by official
agencies charged with control of plant, animal,
or human disease.
Plant residues from the production of crops
including, but not limited to, stalks, vines,
green drops, culls, stubble, hulls, lint, seed,
roots, stumps, prunings, and trimmings.
Dead animals or portions thereof
Abandoned vehicles
Adequately cleansed pesticide containers

Group 3 wastes - non water-soluble, nondecomposable
inert solids of the nature indicated below:

Earth, rock, gravel, and concrete
Asphalt paving fragments
Glass
Plaster and plasterboard
Vehicle tires and inert rubber scrap
Steel mill slag
Clay and clay products
Asbestos fiber and asbestos products
Inert plastics
Brick

B. Prohibitions

1. No liquids, oils, waxes, tars, soaps, solvents, or readily water-soluble solids such as salts, borax, lye, caustic, or acids shall be deposited at this site.
2. No materials which are of a toxic nature, such as insecticides, poisons, or radioactive materials, shall be deposited at this site.
3. No sewage sludge or residuals such as solids from screens and grit chambers shall be disposed of at this site.
4. No Group 1 wastes shall be disposed of at this site.
5. The discharge of wastes to surface drainage courses or to usable groundwater is prohibited.

6. No water shall be used at this site except for landscape irrigation, for road surface dust control and fire fighting. Washing of landfill equipment shall be confined to areas with sufficient refuse lifts where the wastewater could be completely absorbed by refuse. No commercial vehicle washing shall be conducted at the site. Water used for irrigation of disposal areas shall be applied only on completed lifts, in quantities not to exceed those necessary to support plant life, and shall be confined to the irrigated areas. Water shall not be permitted to pond at the site.

C. General Requirements for Disposal of Wastes at this Site.

1. Odors of waste origin shall not be perceivable beyond the limits of the site.
2. Neither the disposal nor handling of wastes at this site shall create pollution or nuisance.
3. Adequate measures shall be taken to prevent nuisance from fly breeding, rodent harborage, and other vectors.
4. The migration of gases from the disposal site shall be controlled as necessary to prevent water pollution or nuisance.
5. Any abandoned water wells situated within the influence of the disposal area must be located and properly sealed. A notice of intent to abandon a water well must be filed with the Department of Water Resources prior to the abandonment. Procedures used to destroy these wells or modify wells still in use should conform to the specification of the local health department or other applicable agency.
6. Surface runoff from the drainage area pertinent to this site, except rain falling naturally on the disposal site, shall be prevented from passing over or percolating through deposited pollutable or decomposable materials at the disposal site. Adequate facilities shall be provided to carry rain water falling naturally on the site across or through the disposal areas in a manner to prevent contact with material deposited.
7. Erosion or washout of deposited materials by surface flow shall be prevented.
8. Annually, prior to September 15 of each year, all necessary runoff diversion channels shall be in place at the sites.

9. There shall be no damage to any community by odors or unsightliness resulting from unreasonable practices in the disposal of wastes at this site, such that it would create a nuisance as defined in Section 13050 of California Water Code.
10. Wastes deposited at this site shall be confined thereto, and shall not be permitted to blow off the site or to enter downstream drainage ditches or watercourses.
11. The exterior surfaces of the disposal area shall be graded to promote lateral runoff of precipitation and to prevent ponding.
12. In any area within the disposal site where seepage water is observed provisions shall be made and/or facilities shall be provided to insure that seep water will not come in contact with decomposable refuse in the site. The location of all springs and seeps found during, prior to, or after placement or waste material shall be reported to the Board.
13. The discharger shall remove and relocate any wastes which are discharged at this site in violation of these requirements.
14. All manure must be covered immediately and such steps as are necessary must be taken at all times to prevent fly breeding and odor nuisance.
15. Adequate facilities shall be provided to divert all runoff which could occur as a result of floods having a predicted frequency of once in 100 years.
16. *done* A barrier and leachate monitoring and collection system shall be constructed for this Canyon site, as proposed by the discharger. The details of the proposed system must be reviewed and approved by the Executive Officer.
17. The effectiveness of the barrier and all monitoring wells must be maintained for the active life of this site. If any well is damaged, destroyed, or abandoned for any reason, the discharger shall provide a suitable alternative well, as approved by the Executive Officer, to meet the monitoring requirements of this Order.
18. The exterior face of the barrier shall be protected from deterioration by erosion, or other factors, and shall be inspected periodically and given adequate maintenance to comply with this requirement.

19. The liquid level buildup at the upstream face of the barrier shall be monitored. All seepage from the site shall be intercepted and disposed of into a community sewer system or at a legal liquid disposal site. For the purpose of this requirement, a legal point of disposal is defined as one for which requirements for disposal of liquid wastes have been prescribed by a Regional Water Quality Control Board and which is in full compliance therewith. The discharge of this wastewater to any watercourse, or drainage channel downstream from the barriers is prohibited at all times.

D. Provisions

1. The proposed barrier system must extend into unweathered bedrock.
2. The barrier dam shall have a core of/or be constructed of materials with permeabilities of 10^{-6} cm/sec.
3. Zones of active faulting shall be avoided when structures such as barriers, drainage and leachate control facilities and other structures are constructed at this landfill. Construction of barriers shall be in accordance with the provisions (if applicable) of State Division of Safety of Dams.
4. Materials placed in the barriers shall be suitably compacted at 95 percent, or greater, relative density at optimum moisture content.
5. All State, County and City sanitary and health codes, rules, regulations and ordinances pertinent to the disposal of wastes on land shall be complied within the operation and maintenance of this waste disposal site.
6. By August 1, 1978, the discharger shall submit to this Board specific design criteria for the construction of the barrier and the leachate collection and monitoring system at this site together with information regarding the method and ultimate disposal of leachate for Executive Officer review and approval. The proposed barrier and leachate control system shall be constructed no later than October 15, 1978.
7. The discharger shall maintain a copy of this Order at the site so as to be available at all times to site operating personnel.


8. The discharger shall file with this Board a report of any proposed change in the character of this waste discharge or in the site boundaries at least 120 days prior to the date of such proposed change.
9. In the event of any change in name of operator or in control or ownership of land or waste disposal facilities owned or controlled by the discharger, the discharger shall:
 - a. Notify this Board of such change; and
 - b. Notify the succeeding owner or operator by letter, a copy of which shall be filed with this Board, of the existence of this Order.
10. At least ninety (90) days prior to cessation of disposal operations at this site, the discharger shall submit a technical report to the Board describing the methods and controls to be used to assure protection of the quality of receiving waters during final operations and with any proposed subsequent use of the land. Such methods and controls shall comply with the foregoing waste discharge requirements. The report shall be prepared by or under the supervision of a registered engineer or a registered engineering geologist.
11. In accordance with the California Water Code, the discharger shall furnish, under penalty of perjury, technical monitoring program reports; such reports shall be submitted in accordance with specifications prepared by the Executive Officer, which specifications are subject to periodic revisions as may be warranted.
12. This Board considers the property owner to have a continuing responsibility for correcting any problems which may arise in the future as a result of this waste discharge and from gases and leachate that may be caused by infiltration of precipitation or drainage waters into the waste disposal areas or by infiltration of water applied to this property during subsequent use of the land for other purposes.
13. These requirements do not exempt the operator of this waste disposal facility from compliance with any other law which may be applicable. The requirements are not a permit; they do not legalize this waste disposal facility, and they leave unaffected any further restraints on the disposal of wastes at this site which may be contained in other statutes.

Order

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14. According to Section 13263 of the Water Code, these requirements are subject to periodic review and revision by this Regional Board.

I, Raymond M. Hertel, Executive Officer, do hereby certify that the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, Los Angeles Region, on June 26, 1978.


RAYMOND M. HERTEL, Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION
MONITORING AND REPORTING PROGRAM NO. 6414

FOR
COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
MISSION CANYON LANDFILL, CANYON 8
(File No. 78-10)

Quarterly reports

GENERAL PROVISIONS FOR REPORTING

1st Day of 2nd following month of the start of the quarter

1. Monitoring reports shall be submitted to the Regional Board by the ~~15th~~ day of the following reporting period. In reporting the monitoring data, the discharger shall arrange the data in tabular form. If no wastes were deposited during the reporting period, the report shall so state.
2. If Board requirements are not met, a statement shall be submitted of the actions undertaken or proposed which will bring the operation into full compliance with requirements at the earliest time and submit a timetable for cleanup and/or correction.
3. By January 30 of each year, beginning in 1979, the operator shall submit an annual report to the Regional Board. The report shall contain both tabular and graphical summaries of the data reported during the previous year, including the observation and water level data recorded during the reporting year. In addition, the operator shall discuss the compliance record and the corrective actions taken or planned which may be needed to bring the operation into full compliance with the waste discharge requirements.
4. Each report shall contain the following completed declaration:

"I declare under penalty of perjury that the foregoing is true and correct. Executed on the _____ day of _____ at _____."

(Signature)

(Title)"

REPORTING

1. The first report to the Board shall include a scaled map of the site and shall indicate the areas that are currently being filled in the disposal site and the areas where fill has been completed.
2. A report containing the following information shall be filed with this Board for each calendar quarter.
 - a. A tabular list of the estimated monthly quantities (in tons) of Class II material deposited each month.

- b. A tabular list of the estimated monthly quantities (in tons) and types of Class III materials deposited each month.
 - c. The area(s) of the site where the above materials were deposited. If a new area(s) has been started, submit another map of the site and indicate the new area(s) being filled and any recently completed area(s).
 - d. An estimate of the remaining capacity in cubic yards, and the remaining life of the site, in years and months.
 - e. A certification that all wastes deposited were in compliance with the Board's requirements and that no wastes have been deposited outside of the boundaries of the site as specified in the Board's requirements.
 - f. The estimated amount of water used at the site for landscape irrigation, compaction, dust control etc., during the months of the reporting period.
 - g. A description of the location of all seeps and springs found at the site during the reporting period, with an estimate of seep water flow.
3. Monthly observations and measurements of static water levels shall be maintained on the observation-monitoring wells and records of such observations shall be kept. Leachate pumping records and charts shall also be kept.
4. The following additional data for each month of the reporting period shall also be in each quarterly report are:
 - a. Quantity of liquid pumped from the monitoring well(s) including dates and method of disposal.
 - b. Water level elevations in each monitoring well before and after pumping.
 - c. Analytical results for pH and COD for liquids pumped from the monitoring wells unless if such liquids are discharged into a community sewer system or hauled away to a legal liquid disposal site then the report shall so state.

If no liquid was detected or pumped during the month or reporting period, a statement to that effect shall be submitted.

Monitoring and Reporting Program

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The monitoring program is to be continued even during periods when no wastes are deposited at the site.

For every item where the requirements are not met, the discharger shall submit a statement of the actions undertaken or proposed which will bring the discharge into full compliance with requirements at the earliest time. The timetable for correction shall be submitted.

The discharger shall implement this monitoring and reporting program immediately after adoption date of this Order. The first monitoring report under this program is due by ~~October 15~~, 1978.

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NCC
These records and reports are public documents and shall be made available for inspection during business hours at the office of the California Regional Water Quality Control Board, Los Angeles Region.

Ordered by

Raymond M. Hertel
Executive Officer

10/2/78

Date

